



## Providence Digestive Health Institute

Oregon's leader in the  
diagnosis and treatment  
of digestive diseases

### INSIDE

Advanced Endoscopy Center.....	3
Our multidisciplinary team .....	5
GI cancer in Oregon.....	8
A statewide network.....	10

## Dear Colleague,

It's my pleasure to introduce you to Providence Digestive Health Institute, Oregon's leader in diagnosing and treating diseases of the GI tract.



The hub of the center is the Advanced Endoscopy Center at Providence Portland Medical Center.

Surrounding and collaborating with this center are the multidisciplinary practitioners of Providence Portland

Medical Center, including gastroenterologists, general surgeons with gastroenterology specialization, surgical oncologists, medical oncologists, radiation oncologists, diagnostic and interventional radiologists, cancer research scientists, nutritionists, Magnet-designated nurses and others.

From the hub at Providence Portland Medical Center, our best practices and close-to-home support extend statewide through seven additional Providence hospitals and the gastroenterologists and collaborating specialists on staff at each.

Collectively, our volumes, experience and outcomes make Providence Digestive Health Institute Oregon's center of excellence for digestive diseases. To offer a few highlights, Providence Digestive Health Institute is:

- No. 1 in endoscopic ultrasound (EUS) volume and experience in Oregon
- No. 1 in ERCP volume and experience in Oregon
- The No. 1 care provider in Oregon for patients with gastrointestinal cancers

- A pioneering leader in treatment innovations such as laparoscopic Whipple procedures, POEM procedures and cancer immunotherapy
- Unmatched in comprehensive breadth of services offered for patients with digestive diseases in Oregon
- Achieving and most often exceeding national GI quality and safety benchmarks
- The most technologically advanced endoscopy center in Oregon

As the evaluation and treatment of GI diseases becomes increasingly complex, optimizing care depends more and more on the close collaboration of high-volume specialists in multiple disciplines. The experienced practitioners who make up Providence Digestive Health Institute have a long history of working collaboratively with each other, and with our referring physician partners, to provide excellent care for the full range of gastrointestinal disorders.

We welcome your inquiries and look forward to working with you.

**Ken Flora, M.D., FACP, AGAF**  
 Medical director, Providence Oregon  
 Gastroenterology and Endoscopy  
 Gastroenterology and hepatology, The Oregon Clinic

## The Advanced Endoscopy Center

### At Providence Portland Medical Center

At the hub of Providence Digestive Health Institute is the Advanced Endoscopy Center, the most technologically sophisticated endoscopy center in Oregon. Board-certified gastroenterologists from The Oregon Clinic lead the center's endoscopy services, diagnosing and treating the full range of disorders of the esophagus, stomach, small intestine, colon, rectum, pancreas, liver, gallbladder and biliary system.

#### State-of-the-art technology

The Advanced Endoscopy Center is home to Oregon's first dedicated ERCP suite equipped with three-dimensional imaging technology. The 3-D imaging allows physicians to look into complex anatomical structures during procedures much more comprehensively than is possible with standard 2-D imaging. Lehel Somogyi, M.D., medical director of the center, offers this example: "When we're looking for stones in the bile ducts of the liver, a two-dimensional image is like looking at a flat photograph of a tree, with some limbs hidden behind others. A three-dimensional image allows us to walk around the tree and peer inside all of its branches."

In addition to the ERCP suite, the center has five other large procedure rooms housing the latest technology for endoscopic ultrasound. All of the procedure rooms are the size of operating rooms, and each is equipped with dedicated anesthesia booms and upgraded monitoring devices.



#### Advanced procedures

Physicians in the Advanced Endoscopy Center provide the full range of endoscopic procedures, including highly specialized procedures not widely available in the region, such as:

- Spyglass cholangioscopy/lithotripsy
- BarrX and cryoablation for Barrett's esophagus
- Endoscopic mucosal resection and submucosal dissection
- Balloon endoscopic and capsule enteroscopy
- Fecal transplant
- Feeding tube management
- Advanced liver disease services

For a comprehensive list of Providence Digestive Health Institute services statewide, see our matrix on page 10.

### **Focused on the patient and family**

The Advanced Endoscopy Center was designed with patients' comfort and privacy as top priorities. All patient rooms are private, with plenty of space for visiting family members. Patients are prepped for their procedure in their own private room, and they return to their private room after their procedure. Family members may join the patient in the short-stay unit following recovery for a discussion with the physician prior to discharge.

Patient capacity has been expanded in the new center to allow more flexible scheduling.

### **Magnet designated for nursing excellence**

The Advanced Endoscopy Center is located within Providence Portland Medical Center, which has been designated, along with sister hospital Providence St. Vincent Medical Center, as a Magnet nursing center by the American Nurses Credentialing Center since 2005. This prestigious designation recognizes health care organizations that deliver outstanding patient care, nursing excellence and innovations in nursing practice. In addition to Magnet designation, all nurses in the Advanced Endoscopy Center have advanced cardiac life support certification and advanced training in GI specialties.

### **Full hospital support**

Patients in the Advanced Endoscopy Center have the full support of Providence Portland Medical Center, recognized nationally for providing the highest level of safety and quality care. The medical center was the only hospital in Oregon named to the annual list of Top Hospitals by The Leapfrog Group, a national nonprofit hospital watchdog group. The organization measures hospitals' safety and quality performance based on three critical areas of care: how patients fare, resource use, and management structures established to prevent errors.

### **Guest housing**

For patients and families traveling to Portland for care at the Advanced Endoscopy Center, new guest housing is available just across the street, providing comfortable overnight accommodations close to care and loved ones.



## REFERRING PHYSICIANS

We understand that patients want to receive as much of their care as possible close to home. When physicians refer patients from outlying communities to the Advanced Endoscopy Center in Portland, our goals are threefold:

- To maximize the care that patients receive in their own communities
- To facilitate the appropriate high-end evaluations and specialized treatments not available in patients' communities
- To work with referring providers to manage their patients' care from co-intake to a well-informed return handoff

While patients are under our care, we communicate closely with their primary and referring physicians, both through detailed chart notes and direct phone calls. We understand that your ongoing relationship with your patients is as important to you as our relationship with you is to us.

To refer patients, please call 503-935-8866.

## Our collaborative, multidisciplinary team

As the treatment options for digestive diseases have expanded and physicians have become increasingly specialized, providing the most effective care today requires a highly collaborative multidisciplinary approach. Close collaboration between gastroenterology, medical oncology, surgical oncology, radiation oncology, diagnostic and interventional radiology and research are critical for the best patient outcomes. Within our hub at Providence Portland Medical Center, and throughout Providence digestive disease centers statewide, the relationships are extremely collaborative – we're all working together to optimize the care of the patient.

### Gastroenterologists

Gastroenterology services at the Advanced Endoscopy Center, and at our Providence St. Vincent Medical Center location, are led by our collaborative partners at The Oregon Clinic, one of the 10 largest GI groups in the country. Among this high-volume group, ERCP procedure rates per physician are nearly double the national average, with shorter procedure times and lower than average complication rates. The group also includes nine physicians who perform advanced endoscopic ultrasound procedures.

All of The Oregon Clinic's gastroenterologists are board certified. A highly academic group, many come from academic centers and have served, or continue to serve, in faculty positions. All are data and guideline driven, many specialize in highly technical procedures that few others do, and several are pioneers in research and development of new techniques and technologies. Leaders from The Oregon Clinic collaborate with gastroenterologists and associated physicians across all of our hospitals in Oregon.

## Gastrointestinal and minimally invasive surgeons

Providence Advanced Endoscopy Center partners with the general and minimally invasive surgery group of The Oregon Clinic. Drs. Paul Hansen, Ron Wolf, Chet Hammill and Pippa Newell publish internationally, host conferences and a fellowship program and conduct grant-funded research. To offer one example of these surgeons' expertise, they are the only group in the state performing fully laparoscopic Whipple procedures for pancreatic cancer.

## Foregut surgeons

Our outstanding foregut surgery partners from The Oregon Clinic specialize in all conditions of the esophagus and stomach. They perform anti-reflux procedures, foregut cancer surgeries and gastric pacemaker placements, among many other procedures. This group also is on the forefront of general surgical procedures performed using an endoscopic approach through natural orifices.



Led by **Lee Swanstrom, M.D.**, this group includes Christy Dunst, M.D., and Kevin Reavis, M.D. Dr. Swanstrom is known internationally for helping to develop the per-oral endoscopic esophageal myotomy, or POEM procedure. This new procedure is used to treat achalasia, a rare disorder of the esophagus. Because of Dr. Swanstrom's international reputation, patients with the disorder travel from around the world to be treated by him, and physicians travel here to learn the procedure from him.

## Surgical oncologists

A key reason for locating the hub of Providence Digestive Health Institute at Providence Portland Medical Center was to enhance its collaboration with Providence Cancer Center. This very high-volume cancer center sees hundreds of patients with gastrointestinal cancers every year, and offers an extraordinarily high level of care through close partnership with the Digestive Health Institute's GI team.

Communication and collaboration between the GI team and the Cancer Center team is continuous and ongoing, through both formal and informal channels:

- **Weekly Multidisciplinary Liver and Pancreas Meetings:** More than 20 specialists – including GI physicians, surgeons, medical oncologists, interventional radiologists and members of our cancer research teams – meet weekly to discuss current cases and treatment plans. An average of 15 to 25 patient cases are discussed at every meeting. With all specialties sitting together at the table, a multidisciplinary treatment consensus can be reached quickly, ensuring that patients go to exactly the right place, the first time, to start their diagnostics or therapy.
- **Connecting on rounds:** With GI physicians and cancer specialists located in the same hospital, it's easy to connect whenever issues or questions arise.
- **Connecting electronically:** Utilizing the same electronic medical record system allows our GI and oncology physicians to share notes and images when co-managing patients. When faster notification is needed, secure text messaging offers immediacy. "If I evaluate a patient who is heading next for an EUS, I'll often text the GI doctor to clarify exactly what I'm looking for in the patient's ultrasound procedure," says Dr. Paul Hansen, director of surgical oncology at Providence Cancer Center. "These are critical conversations that need to happen in the moment to optimize patient care decisions."



### “WHAT WE DO IS COMPLETELY DEPENDENT ON HAVING A TOP-NOTCH GI PROGRAM,”

– Paul Hansen, M.D., director of surgical oncology at Providence Cancer Center

For more than 100 patients with pancreatic cancer treated at the center each year, a CT scan provides a lot of information, but can't generally confirm a diagnosis. “At the Advanced Endoscopy Center,” says Dr. Hansen, “a gastroenterologist will perform an endoscopic ultrasound that can look right through the stomach and directly into the pancreas. This provides a tremendous amount of detail about what the tumor looks like and whether it's involving or invading the major blood vasculature or lymph nodes. They also can do biopsies and can determine exactly how extensive the disease is. With that information, we can decide together, as a group, whether or not a patient would benefit from surgery, and if so, whether he should go straight to surgery or have chemo first.”

## Medical oncologists

Medical oncology for GI disorders is headed statewide by **Todd Crocenzi, M.D.** Like many on our team, Dr. Crocenzi is both a clinician and a researcher. His international collaborations in immunotherapy research for pancreatic, liver and colorectal cancers have been published in the 2014 and 2015 issues of The New England Journal of Medicine and the Journal of Clinical Oncology.



Under Dr. Crocenzi's leadership, Providence Digestive Health Institute takes a patient-centered approach to medical oncology, coordinating closely with the multiple specialists often required to diagnose, stage and treat GI cancers. Dr. Crocenzi's involvement in international research and clinical trials ensures that the most promising cancer treatments, including those still under investigation, are available to our patients.

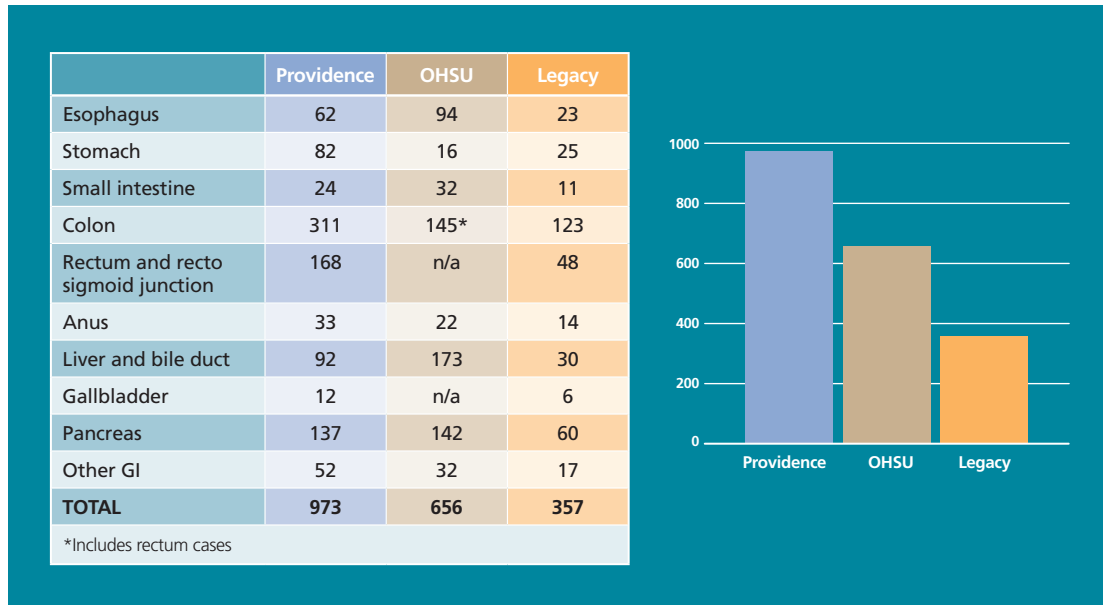
## Radiation oncologists

The multidisciplinary experts who make up the Providence Radiation Oncology Program provide comprehensive, world-class therapies for patients with GI cancers. Our patients have access to some of the most sophisticated radiation therapy technologies available, including:

- **IORT (intraoperative radiation therapy):** Providence was the first cancer center in the Pacific Northwest to offer IORT, an important option for patients whose lesions are unresectable or resectable with positive margins. This technological innovation is giving some cancer patients additional years of survival, rather than mere months.
- **SBRT (stereotactic body radiation therapy):** This noninvasive therapy safely delivers exceptionally precise, very high doses of radiation to tumors, with minimal radiation exposure to healthy tissues. Our GI team utilizes SBRT for excellent local control of liver tumors, as well as some pancreatic tumors.

## 2013 GI Cancer Care in Oregon

As the leading provider of care for people with GI cancers in Oregon, Providence provides a very high level of expertise for complex GI cancer cases, including liver, pancreatic and other cancers.



## Cancer researchers

Many of our GI physicians do both clinical work and research, allowing us to bring the newest treatments to patients, often for the first time anywhere.

- Clinical trials at Providence Cancer Center led to the first FDA-approved immunotherapy drugs for melanoma and lung cancer; our GI team is now investigating similar approaches to shrink tumors and improve outcomes for patients with gastrointestinal cancers.
- A cancer research staff member attends each weekly Multidisciplinary Liver and Pancreas Meeting to recommend clinical trials that might be appropriate for our patients.
- Our GI physicians also have been instrumental in the research and development of new surgical technologies and procedures.

## Interventional radiologists



Interventional radiologists are available 24 hours a day at several Providence Digestive Health Institute locations to provide tertiary-level diagnostic and therapeutic services to patients requiring a percutaneous, nonsurgical approach in their management.

At our Providence Portland Medical Center hub, medical director **Mark Gibson, M.D.**, and his colleagues, Drs. Dave Vegas and David Cheng, intervene emergently to control hemorrhage and relieve biliary and vascular obstruction. They also treat portal



hypertension and drain abscesses and fluid collections. Their participation in cancer therapy is pivotal as they implement such cutting-edge techniques as tumor embolization with drug-eluting beads or Y90-emitting spheres, percutaneous ethanol injection and radiofrequency ablation.

### **Diagnostic radiologists**

Providence's board-certified radiologists have special training in diagnosing and treating digestive diseases. Our team offers complete imaging capabilities for any type of digestive tract illness. Diagnostic imaging services are available 24 hours a day, seven days a week at all Providence sites statewide.

All four of our Portland-area hospitals have been designated as Diagnostic Imaging Centers of Excellence by the American College of Radiology. The designation is awarded based on imaging efficiency, safety and quality of care. Providence is the only organization in Oregon to achieve the designation.

### **Perioperative hospitalist**

Conditions such as diabetes, heart problems and COPD may be outside of the main GI issue being treated, but can have an impact on a GI patient's surgical outcome. To help optimize outcomes for patients with multiple conditions, a perioperative hospitalist is an integrated part of Providence Portland Medical Center's high-risk surgical team. This internist meets patients prior to their surgery and familiarizes himself with all of the chronic conditions that they bring with them. The hospitalist then co-manages these patients to keep them in the best possible condition before and after their surgery.

### **Registered dietitians**

For people with gastrointestinal diseases, understanding and getting adequate nutrition can be particularly challenging. Helping patients overcome these challenges can make a significant difference in their treatment and recovery. Registered dietitians are available at our Portland hub, and at all of our hospitals in Oregon, to provide support to GI patients before, during and after their treatment.

Physicians statewide can request outpatient nutrition risk screenings or consultations from Providence Digestive Health Institute for any patient who might benefit from nutritional assistance. Our dietitians provide detailed consultation notes that include:

- A nutrition assessment
- Nutrition diagnosis
- Recommended interventions
- Monitoring
- Follow-up

All of this information is shared with patients, their GI team and their referring physician to enrich care and empower patients to be successful.

## Providence Digestive Health Institute: A statewide network

Service/Procedure	Providence Portland	Providence St. Vincent	Providence Newberg	Providence Hood River	Providence Medford	Providence Seaside	Providence Milwaukie	Providence Willamette Falls
Colonoscopy	•	•	•	•	•	•	•	•
EGD (Upper Endoscopy)	•	•	•	•	•	•	•	•
Flexible Sigmoidoscopy	•	•	•	•	•	•	•	•
ERCP (Endoscopic Retrograde Cholangiopancreatography)	•	•	•		•			
Manometry	•	•		•		•		
BarrX	•	•	•					
Capsule Endoscopy	•	•					•	
Endoscopic Mucosal Resection	•	•	•					
Fecal Transplant	•	•			•			
pH Testing	•	•		•		•		
Balloon Enteroscopy	•	•						
Esophageal Barrett's Ablation	•	•						
EUS (Endoscopic Ultrasound)	•	•	•					
Spyglass Cholangioscopy/Lithotripsy	•	•						
Robotic Hepatobiliary/Pancreatic/Colorectal Surgery	•							
Cryoablation	•							
Endoscopic Anti-Reflux Procedures	•							
Endoscopic Submucosal Dissection	•							
Enterostomal Therapy	•							
Gastric Pacemaker Placement	•							
LYNX (device implant for GERD)	•							
Medical Genetics	•							
NOTES (Natural Orifice Transluminal Endoscopic Surgery)	•							
3D Fluoroscopy	•							
Direct Access/Fast-Track Colonoscopy		•					•	

From the Advanced Endoscopy Center hub at Providence Portland Medical Center to Providence's regional hospitals spanning the greater Portland metropolitan area, Newberg, the North Coast, the Gorge and Southern Oregon, Providence Digestive Health Institute provides a network of expertise and support that is unrivaled in Oregon.

### Integrating care and ensuring best practices across the state

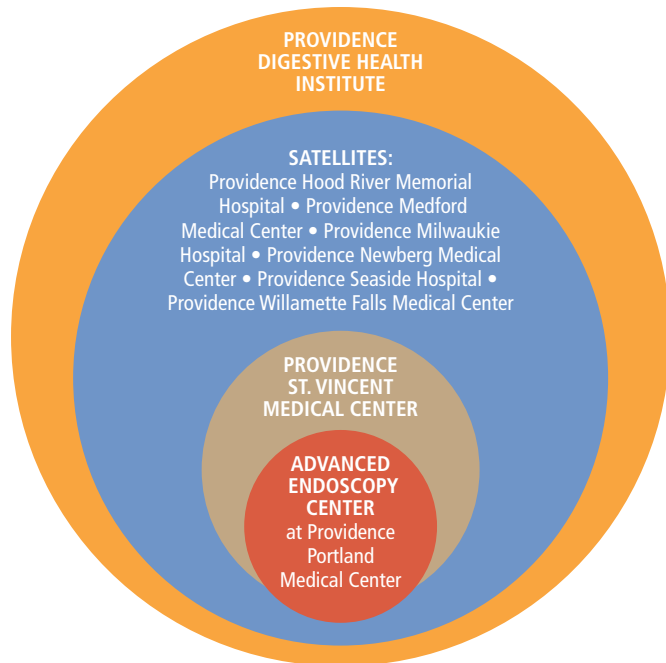
Providence Digestive Health Institute services are provided by local specialists who live and practice in the communities we serve. Representatives from each area meet regularly to foster collaboration and best practices across all locations.

#### The Oregon Executive Endoscopy Committee:

Senior leaders and clinicians representing each of Providence Digestive Health Institute's endoscopy locations serve on this committee, which focuses on integrating care and promoting evidence-based best practices across the state. The committee meets regularly to ensure that the GI procedures, therapies, technologies and complementary services that Providence offers in each community meet the unique needs of the community and the requirements of the local referring physicians.

**The Digestive Health Clinical Focus Group:** Bringing together leaders from every region of Providence Health & Services, this group maximizes expert-to-expert collaboration as it works to design and deploy evidenced-based clinical best-practices standards throughout the health system. Collaborating across clinical specialties and locations, the group focuses on six priorities:

- Affordability
- Care pathways and quality
- Innovation, technology and research
- Advanced care models
- Population health and prevention
- Optimized Epic medical records system and data use



# Providence Digestive Health Institute

## **Providence Advanced Endoscopy Center**

Providence Portland Medical Center  
4805 NE Glisan St. • Portland, OR 97213  
503-935-8866

### **PORTLAND**

#### **Providence Portland Medical Center**

Main: 503-215-1111  
Endoscopy: 503-215-6295

#### **Providence St. Vincent Medical Center**

Main: 503-216-1234  
Endoscopy: 503-216-4638

#### **Providence Milwaukie Hospital**

Main: 503-513-8300  
Endoscopy: 503-513-8230  
Scheduling: 503-513-8848

#### **Providence Willamette Falls Medical Center**

Main: 503-656-1631  
Endoscopy: 503-656-1631 ext. 3431  
SSU: 503-657-6715

### **THE GORGE**

#### **Providence Hood River Memorial Hospital**

Main: 541-386-3911  
Scheduling: 541-387-6330

### **YAMHILL COUNTY**

#### **Providence Newberg Medical Center**

Main: 541-386-3911  
Scheduling: 541-387-6330

### **SOUTHERN OREGON**

#### **Providence Medford Medical Center**

Main: 541-732-5000  
Scheduling: 541-732-5089  
(future appointments)  
Scheduling: 541-732-5097 (same day)

### **NORTH COAST**

#### **Providence Seaside Hospital**

Main: 503-717-7000  
Scheduling: 503-717-7239

## Our commitment to you

At Providence Digestive Health Institute, our personal commitment is to work collaboratively with you on the best pathway of care for your patient. Whether that means your patient comes to us for comprehensive care, or for a single procedure before being transferred quickly back to your care, we look forward to working with you.

### OUR MISSION

As people of Providence, we reveal God's love for all, especially the poor and vulnerable, through our compassionate service.

### OUR CORE VALUES

Respect, Compassion, Justice,  
Excellence, Stewardship

[www.providenceoregon.org/gi](http://www.providenceoregon.org/gi)



Providence Health & Services, a not-for-profit health system, is an equal opportunity organization in the provision of health care services and employment opportunities.